

been described as being disposed about second pipe section end 28b, it is also contemplated that other types of gaskets may be used. Also, while the second pipe section end 28b has been described as having an annular corrugation, any corrugation configuration may be formed into the second pipe section end 28b. The invention in its
5 broader aspects is therefore not limited to the specific details, representative apparatus and method, and illustrative example shown and described. Accordingly, departures may be made from such details without departing from the spirit or scope of applicant's general inventive concept.

WHAT IS CLAIMED IS:

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1. A pipe coupling for interconnecting adjacent ends of first and second pipe sections, the end of the first pipe section having an annular corrugation, said coupling comprising:

a generally cylindrical sleeve having first and second sides;

5 at least one annular corrugation on said first side of said sleeve being adapted to cooperatively engage the annular corrugation on the first pipe section end; and

and a bell on said second side of said sleeve being adapted to slidably receive in an axial direction the second pipe section end within said sleeve;

10 whereby said coupling interconnects said adjacent ends of said first and second pipe sections.

2. The coupling of claim 1 wherein said sleeve is formed from a substantially flat sheet having at least one corrugation disposed across its width.

3. The coupling of claim 1 wherein said bell further comprises a radially inwardly directed annular projection disposed about the inner diameter of said bell, said annular projection adapted to engage and retain said second pipe section end within said bell.

4. The coupling of claim 3 wherein said radially inwardly directed annular projection includes a gentle entry side angle on the side of said annular projection proximal to said flange.

5. The coupling of claim 3 wherein said radially inwardly directed annular projection includes a steep back angle on the side of said annular projection distal to said flange.

6. The coupling of claim 1 wherein said bell includes a circumferential outwardly extending flange disposed about an outer edge of said bell.

7. The coupling of claim 1 wherein the inner diameter of said bell is greater than the outer diameter of said second pipe section.

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8. In combination, a pipe coupling and first and second pipe sections, the end of the first pipe section having an annular corrugation, and said coupling comprising:

- 5 a generally cylindrical sleeve having first and second sides;
at least one annular corrugation on said first side of said sleeve being adapted to cooperatively engage the annular corrugation on the first pipe section end;
and
a bell on said second side being adapted to slidably receive in an axial direction the second pipe section end within said sleeve,
10 whereby said coupling interconnects said adjacent ends of said first and second pipe sections.

9. The combination of claim 8 wherein said sleeve is formed from a substantially flat sheet having at least one corrugation disposed across its width.

10. The combination of claim 8 further comprising a first gasket.

11. The combination of claim 10 wherein said first gasket is a fluted gasket disposed circumferentially about an annular corrugation of said second pipe section, said fluted gasket adapted to contact and confront the inner surface of said bell when said second pipe section is slidably received by said bell.

12. The combination of claim 11 further comprising a second gasket.

13.

The combination of claim 12, wherein said second gasket is an O-ring disposed circumferentially about an annular corrugation of said first pipe section, and wherein said O-ring contacts and confronts the inner surface of said first side of said sleeve when said first side cooperatively engages said first pipe section.

14.

The combination of claim 12, wherein said second gasket is a flat gasket disposed circumferentially about an annular corrugation of said first pipe section, and wherein said flat gasket contacts and confronts the inner surface of said first side of said sleeve when said first side cooperatively engages said first pipe section.

15.

The combination of claim 11 wherein said bell includes a radially inwardly directed annular projection disposed about the inner diameter of said bell.

16.

The combination of claim 15 wherein said radially inwardly directed annular projection includes a gentle entry side angle on the side of said annular projection proximal to a free edge of said bell.

17.

The combination of claim 16 wherein said radially inwardly directed annular projection includes a steep back angle on the side of said annular projection distal to said free edge of said bell.

18.

The combination of claim 8 wherein said bell includes a circumferential outwardly extending flange disposed about an outer edge of said bell.

19.

The combination of claim 8 wherein the inner diameter of said bell is greater than the outer diameter of said second pipe section.

20.

The combination of claim 8 further comprising a sealant disposed on said first side of said sleeve, for adhering said first side of said sleeve to said first pipe section.

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21. A method of interconnecting adjacent ends of first and second pipe sections, the end of the first pipe section having an annular corrugation, the method comprising the steps of:

providing a substantially flat sheet;

- 5 forming a corrugation across the width of said substantially flat sheet;
- wrapping said sheet into a cylindrical sleeve including a first side having an annular corrugation and a second side having a bell; and
- securing said sleeve about a first pipe section end to cooperatively engage said corrugation of said sleeve with the annular corrugation of the first pipe
- 10 section end.

22. ~~The method of claim 21 further comprising the step of sliding a second pipe section end into said bell to interconnect the first and second pipe section ends.~~

~~Sub B4/ 23. The method of claim 22 wherein said sheet is wrapped into said cylindrical sleeve and said first side of said sleeve is secured to said first section of pipe at a first location.~~

24. The method of claim 23 wherein said second pipe section is slidably received by said bell at a second location remote to said first location.

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